

Amendments to the Specification:

1. Please replace paragraph [0028] with the following amended paragraph [0028]:

[0028] Another embodiment of the present invention concerns the design of the core wireless engine such that it fits within a variety of different form factor units. FIG. 7 is a diagram that illustrates the physical dimensions of one embodiment of the core wireless engine that allows it to fit within a variety of different form factor units. In a preferred embodiment, the core wireless engine includes a Printed Circuit Board (PCB) thinner than one millimeter at maximum. The top side preferably has a height of 2.3 millimeter maximum. The bottom side height is 1.4 millimeter maximum, with the combination of the board thickness and the bottom side height at 2.3 millimeter maximum, producing a total of 4.6 millimeter maximum thickness. The width of the core wireless engine unit is preferably 36 millimeters, with a height of 41 millimeters. The host interface and DC power are connected along one of the 36 millimeter maximum edges. The physical dimension of the core wireless engine allows the device to be placed within a variety of different form factor units. As shown, note that the circuit board plane is offset from the assembly center line.